

Amendments to the Claims:

This following listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-21. (canceled)

32. (previously presented) A method comprising:

providing a housing that defines an interior chamber, the housing having a first end and a second end, the second end being an opposite end to the first end, and the housing having a first opening nearer the first end than the second end; and

providing a conduit coupled to the housing, the conduit having a second opening that opens into the interior chamber and a third opening, wherein the third opening is nearer to the first end than to the second end and at least a portion of the conduit extends along a wall of the housing and comprises a surface outside the housing,

wherein a fluid flow is from at least one of the first to the second opening or the second to the first opening, and when the third opening accepts input fluid, the first opening produces output fluid, and when the first opening accepts input fluid, the third opening produces output fluid.

33. (previously presented) The method of claim 32 wherein the fluid flow comprises a gas flow.

34. (previously presented) The method of claim 32 comprising:

inserting the housing into a tube furnace and making connections only to the first and third openings.

35. (previously presented) The method of claim 32 wherein the second opening is an opening of the housing.

36. (previously presented) The method of claim 32 wherein input fluid enters the interior chamber only through at least one of the first or third opening.

37. (previously presented) A method comprising:

providing a housing that defines an interior chamber, the housing having a first end and a second end, the second end being an opposite end to the first end, and the housing having a first opening nearer the first end than the second end; and

providing a conduit coupled to the housing, the conduit having a second opening that opens into the interior chamber and a third opening, wherein the third opening is nearer to the first end than to the second end, and a cross section of at least a portion of the conduit comprises a first wall outside the interior chamber and a second wall forming a surface of the interior chamber, and the second wall and the housing meet at two points of the cross section,

wherein a fluid flow is from at least one of the first to the second opening or the second to the first opening, and when the third opening accepts input fluid, the first opening produces output fluid, and when the first opening accepts input fluid, the third opening produces output fluid.

38. (previously presented) The method of claim 37 wherein the fluid flow comprises a gas flow.

39. (previously presented) The method of claim 37 comprising:

inserting the housing into a tube furnace and making connections only to the first and third openings.

40. (previously presented) The method of claim 37 wherein the second opening is an opening of the housing.

41. (previously presented) The method of claim 37 wherein input fluid enters the interior chamber only through at least one of the first or third opening.

42-58. (canceled)

59. (previously presented) A method comprising:

providing a housing that defines an interior chamber, the housing having a first end and a second end, the second end being an opposite end to the first end, and the housing having a first opening nearer the first end than the second end; and

providing a conduit coupled to the housing, the conduit having a second opening that opens into the interior chamber and a third opening, wherein the third opening is nearer to the first end than to the second end,

wherein a fluid flow is from at least one of the first to the second opening or the second to the first opening, and when the third opening accepts input fluid, the first opening produces output fluid, and when the first opening accepts input fluid, the third opening produces output fluid, and the second opening is coupled to the second end of the housing.

60. (previously presented) The method of claim 59 wherein the fluid flow comprises a gas flow.

61. (previously presented) The method of claim 59 comprising:

inserting the housing into a tube furnace and making connections only to the first and third openings.

62. (previously presented) The method of claim 59 wherein input fluid enters the interior chamber only through at least one of the first or third opening.

63–88. (canceled)